

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20040146090").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 08:40
S2	2	("6009090").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 08:40
S3	2	("6097714").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 09:54
S4	2	("20030035544").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 09:56
S5	2	("7062287").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 09:57
S6	2	("7170925").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 09:57
S17	1808	CDMA and ((amplitude or peak ) near3 (scal\$3 or divid\$3 or suppress\$3 or descreas\$3 or reduc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:48

## EAST Search History

S18	328	S17 and constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:54
S19	11	CDMA and (((amplitude or peak ) near3 (scal\$3 or divid\$3 or suppress\$3 or descreas\$3 or reduc\$3)) with half)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 06:43
S20	58	S17 and constellation and (phase near1 rotat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 11:55
S22	2	("5751705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 12:30
S23	203	CDMA and (((amplitude or peak ) near3 (scal\$3 or divid\$3 or suppress\$3 or descreas\$3 or reduc\$3)) with (hal\$3 or factor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:33
S24	6041	(370/342 or 375/146 or 375/147 or 375/130).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:33
S25	38	S23 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:34

## EAST Search History

S26	2	("20040146090").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 13:47
S27	0	("(quadrature or "Q") with offset with zero").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 14:50
S28	476	(quadrature or "Q") with offset with zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 14:58
S29	84	CDMA and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 14:55
S30	17	S29 and constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 14:59
S31	174	((quadrature or "Q") near 4 zero) with offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:36
S32	81	((quadrature or "Q") near 2 zero) with offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 14:59

## EAST Search History

S34	10	S32 and spread\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:04
S35	477	(quadrature or "Q") with ((add\$3 or includ\$3) near3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:04
S36	214	(quadrature or "Q") with ((add\$3) near3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:17
S37	39	S36 and spread\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:04
S38	264	offset near4 constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:18
S39	5	add\$3 near3 offset near4 constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:23
S40	6	add\$3 near3 offset with constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:24

## EAST Search History

S41	40	add\$3 near3 (offset or spac\$3 or distance or range or shift\$3) with constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:34
S42	2	("7035354").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/21 15:34
S43	1	((quadrature or "Q") near4 zero) with constellation with add\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:37
S44	128	((quadrature or "Q") near4 zero) near10 add\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:39
S45	3	S44 and constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:39
S46	162	((quadrature or "Q") near4 zero) near19 add\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:39
S47	4	S46 and constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 15:39

## EAST Search History

S48	863	control near4 (phase adj rotat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:44
S49	183	(control adj signal) near4 (phase adj rotat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:44
S50	32	S49 and spread\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:44
S51	391	(parallel near2 conver\$4) same (spread\$3 or cdma) same (combin\$3 or duplex\$3 or add\$3 or sum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:20
S52	1	S51 and (((amplitude or peak ) near3 (scal\$3 or divid\$3 or suppress\$3 or descreas\$3 or reduc\$3)) with half)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 06:43
S53	41	S51 and ((amplitude or peak ) near3 (scal\$3 or divid\$3 or suppress\$3 or descreas\$3 or reduc\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 06:48
S54	849	(mov\$3 or shift\$3 or offset\$4) near3 constellation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 06:49

## EAST Search History

S55	126	(mov\$3 or shift\$3 or offset\$4) near3 (constellation adj points)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 06:50
S56	17	((mov\$3 or shift\$3 or offset\$4) near3 (constellation)) with zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 06:54
S57	54	((mov\$3 or shift\$3 or offset\$4) with (constellation)) with zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 06:54
S58	136	((parallel near2 conver\$4) near6 switch\$3) and (spread\$3 or cdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:00
S59	64	S58 and (high or low) near2 speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:02
S60	20	S58 and (high and low) near2 speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:01
S62	13	S58 and (amplitude near4 (limit\$4 or supress\$4 or reduc\$4 or reduc\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:05

## EAST Search History

S63	2	("6363100").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 07:06
S64	2	("6295273").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 07:07
S65	2	("6853631").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 07:07
S67	2	("7039130").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 07:13
S68	2653	(add\$3 near2 offset with (duplex\$3 or combin\$4 or add\$3 or sum\$4)) and (cdma or QAM or QPSK or spread)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:16
S69	917	S68 and (constellation or quadrature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:16
S70	767	S69 and zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:16



## EAST Search History

S71	162	(add\$3 near2 offset with (duplex\$3 or combin\$4 or add\$3 or sum\$4) with zero) and (cdma or QAM or QPSK or spread)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:16
S72	54	S71 and (constellation or quadrature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:19
S73	83	modulat\$4 and spread and (((parallel near2 conver\$4) same switch\$3 same channels)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:21
S74	26	modulat\$4 and spread and (((parallel near2 conver\$4) near6 switch\$3) same channels)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:24
S75	85	modulat\$4 and spread and (((parallel near2 conver\$4) near6 switch\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:25
S76	6047	(370/342 or 375/146 or 375/147 or 375/130).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:48
S77	33	S76 and (((parallel near2 conver\$4) with switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:48

## EAST Search History

S78	6808	(370/342 or 375/146 or 375/147 or 375/130 or 370/310).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:48
S79	33	S78 and ((parallel near2 conver\$4) with switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:49
S80	26	S78 and ((parallel near2 conver\$4) with multiple)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 07:59
S81	13	((parallel near2 conver\$4) with low with high with speed same switch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:01
S82	160	switch with spread with modulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:02
S83	75	switch with spread with modulation with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:07
S85	365	(switch\$3 or select\$4) with spread with modulation with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:13

## EAST Search History

S86	22	S85 same parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:10
S87	70	S85 same channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:10
S88	27	(switch\$3 or select\$4) with spread with (second adj signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:22
S89	42585	((switch\$3 or select\$4) near5 signal) and (spread or cdma) and transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:23
S90	34617	((switch\$3 or select\$4) near3 signal) and (spread or cdma) and transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:23
S91	2	("6266320").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 08:28
S95	3592	(725/? or 375/216 or 375/259 or 375/267).cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 08:58

## EAST Search History

S96	264	((spread adj spectrum) or cdma) and ((switch\$3 or select\$4) with (S/P or (parallel near2 conver\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:05
S97	17	S95 and S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:00
S98	14	((spread adj spectrum) or cdma) and (MIMO with (S/P or (parallel near2 conver\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:20
S99	30	MIMO with (S/P or (parallel near2 conver\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:09
S10 0	2	("7031370").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 09:21
S10 1	5904	(S/P or (parallel near2 conver\$4)) same (switch or MIMO)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:24
S10 2	556	S101 and (cdma or QAM or spread\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:27

## EAST Search History

S10 3	1502	(S?P or (parallel near2 conver\$4)) near5 (high adj speed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:45
S10 4	227	S103 with (switch\$4 or select\$4 or MIMO)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:45
S10 5	26	S104 and (cdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:54
S10 6	6	S104 and (spread\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 09:54
S11 4	1136	CDMA and (reverse near7 receiver)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 10:39
S11 5	2	("6359875").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 10:39
S11 6	2	("6442218").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 10:39
S11 7	18	S114 and (de\$spread\$3) and (amplitude near2 (suppress\$4 or limit\$4 or conver\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:27

## EAST Search History

S11 8	2	("6563859").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 10:45
S12 0	491	CDMA and receiver and ((amplitude or peak) near2 (correct\$4 or recover\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 10:53
S12 1	314	S120 and @ad<"20030128"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 10:54
S12 2	65	S121 and (phase adj rotat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:04
S12 3	2	("5084669").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/02 11:04
S12 4	69	S114 and (de\$spread\$3) and (phase adj rotat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/02 11:39

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	574	((parallel adj signals) with (switch\$3 or select\$3)) same (S?P or (parallel near2 conver\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:10
S2	9	S1 and (mode adj selection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:04
S3	25	S1 and cdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:04
S6	41	S5 and (phase near2 ( shift\$4 or rotat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:15
S7	25	S6 and @ad<"20030129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:15
S8	459	S1 and @ad<"20030129"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:25
S9	800	(high adj speed) near3 (S?P or (parallel near2 conver\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:27

## EAST Search History

S10	54	(high adj speed) near3 (S?P or (parallel near2 conver\$4)) with low adj speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:28
S11	6	((plurality near2 (parallel adj (signals or channels))) near6 (switch\$3 or select\$3)) same (S?P or (parallel near2 conver\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 13:43
S12	342	((parallel adj (signals or channels)) near6 (switch\$3 or select\$3)) same (S?P or (parallel near2 conver\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 14:25
S13	555	(multi\$1carrier or multi\$1channel or multi\$1user) with (switch\$3 or select\$3) with (S?P or (parallel near2 conver\$4) or (separat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 14:34
S14	173	(multi\$1carrier or multi\$1channel or multi\$1user) near5 (switch\$3 or select\$3) with (S?P or (parallel near2 conver\$4) or (separat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 14:34
S15	2	("5710990").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 14:33
S17	3912	multiplex\$4 near6 (multi\$1carrier or multi\$1channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/23 15:27



## EAST Search History

S18	531	S17 and (cdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/23 15:27
S19	34	S18 and (phase near2 rotat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:09
S21	9384	((switch\$3 or MUX or multiplex\$3 or select\$3) with (multi\$1carrier or multi\$1channel))	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/24 09:08
S22	1266	S21 and (image or picture) and (sound or audio)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/24 09:09
S23	1087	transmit\$4 and S22	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/24 09:09
S24	79	S23 and (phase near2 rotat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:10
S25	296	(two or "2") near2 (multi\$1carrier or multi\$1channel) with (switch\$3 or MUX or multiplex\$3 or select\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:26
S26	144	S25 and (cdma or modulat\$3 or spread\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:12
S27	110	S26 and transmit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:12

## EAST Search History

S29	47	(two) near (multi\$1carrier or multi\$1channel) with (switch\$3 or select\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:04
S30	18	(two) near (multi\$1carrier or multi\$1channel) and (mode adj selection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:31
S31	26	(cdma or modulat\$3 or spread\$3) with ((two) near (multi\$1carrier or multi\$1channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:35
S32	25	(cdma or modulat\$3 or spread\$3) with ((multiple) near (multi\$1carrier or multi\$1channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:47
S33	411	(multi\$1carrier or multi\$1channel) near2 (signal adj generat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:22
S34	237	(cdma or modulat\$3 or spread\$3) and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:48
S35	181	S34 and (switch\$3 or select\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 09:59

## EAST Search History

S36	2	("6771940").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 09:51
S37	2	("6816453").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 10:02
S38	2	("5729570").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 10:05
S39	2	("6952454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 10:06
S40	2	("20020136176").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 10:07
S41	2	("20030058881").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 10:08
S42	2	("20030006157").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 10:08

## EAST Search History

S43	2	("20020006157").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 10:08
S44	18	(multi\$1carrier or multi\$1channel) with (shar\$4 or common) with (spread\$4 or modulat\$4 or cdma) with (switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:30
S45	11	(multi\$1carrier or multi\$1channel) with (spread\$4 or modulat\$4 or cdma) with (switch\$4) with parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:26
S46	54	(multi\$1carrier or multi\$1channel) with (switch\$4) with parallel and (spread\$4 or modulat\$4 or cdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:59
S47	4338	(multi\$1carrier or multi\$1channel) and cdma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:30
S48	1237	(multi\$1carrier or multi\$1channel) and cdma and (S?P or (parallel adj converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:44
S49	1091	S48 and (modulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:31

## EAST Search History

S50	872	S49 and separat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:32
S51	732	S50 and transmitter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:32
S52	582	S51 and spread\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 10:32
S54	127	(multi\$1carrier or multi\$1channel) and cdma and (S?P or (parallel adj converter)) and (single adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:05
S55	58	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) with (switch\$4) with parallel and (spread\$4 or modulat\$4 or cdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:02
S56	2029	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) with (switch\$4) and (spread\$4 or modulat\$4 or cdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:03
S57	1166	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) near6 (switch\$4) and (spread\$4 or modulat\$4 or cdma)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:03

## EAST Search History

S58	67	(two) near (multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) with (switch\$3 or select\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:04
S59	239	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) and cdma and (S?P or (parallel adj converter)) and (single adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:13
S60	213	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) and cdma and ((S?P or (parallel adj converter)) with switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:14
S61	134	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) and cdma and ((S?P or (parallel adj converter)) near6 switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:17
S62	1	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) and (cdma with ((S?P or (parallel adj converter)) near6 switch\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:17
S63	533	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) and ((S?P or (parallel adj converter)) near4 switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:27
S64	9	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group)) with ((S?P or (parallel adj converter)) near10 switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:29

## EAST Search History

S65	56	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group) or (parallel adj signals)) with ((S?P or (parallel adj converter)) near10 switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:36
S66	14029	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group) or (parallel adj signals)) and ((S?P or (parallel adj converter)) and switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:37
S67	378	(multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group) or (parallel adj signals)) same ((S?P or (parallel adj converter)) same switch\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:50
S68	167	S67 and (cdma or spread\$3 or modulat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 11:44
S69	2	("20040190440").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 12:03
S70	13	two near multi\$user	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:04
S71	4	switch\$3 with separat\$4 near signals with parallel and ((audio or sound) same (picture or image))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:09

## EAST Search History

S73	1274	(spread\$4 or modulat\$4 or cdma) and (multiplex\$3 with ((audio or sound) same (picture or image)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:10
S74	1218	(spread\$4 or modulat\$4 or cdma) and (multiplex\$3 with ((audio or sound) with (picture or image)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:10
S75	386	(spread\$4 or modulat\$4 or cdma) same (multiplex\$3 with ((audio or sound) with (picture or image)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:11
S76	92	(spread\$4 or modulat\$4 or cdma) same (multiplex\$3 with ((audio or sound) with (picture or image))) and (S?P or (parallel adj converter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:18
S79	137	(spread\$4 or modulat\$4 or cdma) same (multiplex\$3 with ((audio or sound) with (picture or image))) and parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:40
S81	9	(spread\$4 or modulat\$4 or cdma) and (multiplex\$3 near6 parallel near10 ((audio or sound) with (picture or image or video)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:43
S82	47	(spread\$4 or modulat\$4 or cdma) and (multiplex\$3 with parallel near10 ((audio or sound) with (picture or image or video)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:45



## EAST Search History

S83	61	(spread\$4 or modulat\$4 or cdma) and ((multiplex\$3 or switch\$4) with parallel near10 ((audio or sound) with (picture or image or video)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:48
S84	39130	(spread\$4 or modulat\$4 or cdma) and ((multiplex\$3 or switch\$4) and ((audio or sound) with (picture or image or video)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:48
S85	10931	S84 and (\$1P or (parallel near conver\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:50
S86	2313	S85 and (multi\$1carrier or multi\$1channel or multi\$1user or (user near2 group))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:51
S87	2095	S86 and transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:51
S88	7055	(375/?)" .cls"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 12:51
S89	54	S88 and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 13:16

## EAST Search History

S91	83	S87 and (phase near rotat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/24 13:17
S92	2	("6097714").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/24 13:32